



STATE OF ALASKA 81338
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: 10 / 7 / 2021 Completed: 10 / 8 / 2021 Pump Install: / /

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	SABATTIS HLS	5	12	Carl Luchsinger AK,

Well location: Latitude 61.6759262 Longitude -149.111633
Meridian S Township 018N Range 002E Section 04 SE 1/4 of SE 1/4 of NW 1/4 of SW 1/4

BOREHOLE DATA: (from ground surface)

Suggest T.M. Hanna's hydrogeologic classification system*
https://my.ngwa.org/NC_Product?id=a18500000BYub3AAD

	Depth	
	From	To
Sitck up	0	3
Silty gravel, cobbles and boulders	3	48
Damp Gravel	48	50
Sandstone Bedrock	50	76
Coal	76	81
bedrock	81	132
Coal	132	135
Bedrock	135	225

Include description or sketch of well location (include road names, buildings, etc.):

Drilling method: ☒ Air rotary, ☐ Cable tool, ☐ Other
Well use: ☐ Public supply, ☒ Domestic, ☐ Reinjection, ☐ Hydrofracking
☐ Commercial, ☐ Observation/Monitoring, ☐ Test/Exploratory, ☐ Cooling,
☐ Irrigation/Agriculture, ☐ Grounding, ☐ Recharge/Aquifer Storage,
☐ Heating, ☐ Geothermal Exploration, ☐ Other

Fluids used:

Depth of hole: 225 ft Casing stickup: 3 ft

Casing type: Steel Casing thickness: .25 inches

Casing diameter: inches Casing depth: 52 ft

Liner type: Depth: ft Diameter: inches

Note:

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other perforated

Screen type: Screen mesh size:

Screen start: ft, Screen stop: ft, Perforated ☒ Yes ☐ No

Perforation description: Perf from: 51 ft, Perf

to: 46 ft, Perf from: ft, Perf to: ft

Gravel packed ☐ Yes ☒ No Gravel start: ft, Gravel stop: ft

Note:

Static water (from top of casing): 54 ft on 10 / 8 / 2021 Artesian well ☐

Pumping level & yield: feet after hours at gpm

Method of testing:

Development method: Duration:

Recovery rate: 2 gpm

Grout type: Volume

Depth: From ft, To ft

Final pump intake depth: ft Model:

Pump size: hp Brand name:

Was well disinfected upon completion? ☒ Yes ☐ No

Method of disinfection: Chlorine Tabs

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested:

Well driller name: Lisa Humphreys

Company name: Ace Water Wells

Mailing address: P.O. Box 520090

City: Big Lake State: AK Zip: 99652

Phone number: (907) 376 - 7987

Driller's signature:

Date: / /

Anchorage Municipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require that a copy of this well log be submitted to the Development Services Department/City within 30 days of well completion.

City Permit Number:

Date of Issue: / /

Parcel Identification Number: - -

AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a copy of the well log be submitted to the Department of Natural Resources within 45 days of well completion. Well logs may be submitted using the online well log reporting system available at:

<https://dnr.alaska.gov/welts/>

OR email electronic well logs to

dnr.water.reports@alaska.gov

Driller Signature _____ Date: 10-7-2024